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IN - PARK J H; YANG S H

MC - W01-A06

PA - (IMNE-N) IMNETPIA CO LTD

- (NACO-N) NAT COMPUTERIZATION AGENCY

PN - KR2002023918 A 20020329 DW200266 H04L12/28 001pp

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AB - KR2002023918 NOVELTY - A fast hand-off method using a beacon message based on a wireless LAN(Local Area Network) is provided to minimize the loss of user data and perform a fast hand-off by previously obtaining the beacon message including information to a new network under IPv6 environment based on the wireless LAN and mobile IPv6 environment.

- DETAILED DESCRIPTION - In case that a user terminal moves to a new network, a current access router and a hand-off object access router periodically transmit a beacon message including power strength measurement information and prefix information to the user terminal(S101,S102). The user terminal receives the beacon message, periodically compares a power strength of the current access router and a power strength of the hand-off object access router, and judges whether a hand-off is performed(S103). If it is judged as the hand-off, an address is generated for a routing with the hand-off object access router using prefix information and the hand-off is performed using the generated address.

- (Dwg.1/10)

IW - FAST HAND METHOD BEACON MESSAGE BASED WIRELESS LAN

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INW - PARK J H; YANG S H

NC - 001

OPD - 2001-12-29

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TI - Fast hand-off method using beacon message based on wireless lan